



Author index

Volume 56 (2003)

- Adams, J.A., J. Bassuk, D. Wu, P. Kurlansky, Survival and normal neurological outcome after CPR with periodic Gz acceleration and vasopressin 56, 215
- Ala-Kokko, T., see Liisanantti, J. 56, 49
- Andreas Steen, P., see Wik, L. 56, 167
- Artru, A.A., see Kaplanski, J. 56, 207
- Asa, I., see Kaplanski, J. 56, 207
- Auestad, B., see Wik, L. 56, 167
- Augenstein, S., see Wagner-Berger, H.G. 56, 191
- Azez, A., see Kaplanski, J. 56, 207
- Bahlmann, L., see Klaus, S. 56, 299
- Bång, A., J. Herlitz, S. Martinell, Interaction between emergency medical dispatcher and caller in suspected out-of-hospital cardiac arrest calls with focus on agonal breathing. A review of 100 tape recordings of true cardiac arrest cases 56, 25
- Baskett, P., J. Zorab, Henning Ruben MD, FFARCS(I), FFARCS. The Ruben Valve and the AMBU Bag 56, 123
- Baskett, P., see Vallejo-Manzur, F. 56, 3
- Bassuk, J., see Adams, J.A. 56, 215
- Bawaney, I.M., see Zhang, Y. 56, 199
- Belau, P.G., see Wu, L.A. 56, 55
- Bernard, S., M. Buist, O. Monteiro, K. Smith, Induced hypothermia using large volume, ice-cold intravenous fluid in comatose survivors of out-of-hospital cardiac arrest: a preliminary report 56, 9
- Bey, T., see Wahlen, B.M. 56, 35
- Blake, H.C., see Smithline, H.A. 56, 97
- Bottino, D., see Kemming, G.I. 56, 289
- Breil, M., H. Krep, D. Sinn, A. Hagendorff, A. Dahmen, W. Eichelkraut, A. Hoeft, M. Fischer, Hypertonic saline improves myocardial blood flow during CPR, but is not enhanced further by the addition of hydroxy ethyl starch 56, 307
- Brekke, M.J., see Wu, L.A. 56, 55
- Brekke, L.N., see Wu, L.A. 56, 55
- Bručan, A., see Brvar, M. 56, 105
- Brvar, M., H. Možina, J. Osredkar, M. Možina, A. Bručan, M. Bunc, The potential value of the protein S-100B level as a criterion for hyperbaric oxygen treatment and prognostic marker in carbon monoxide poisoned patients 56, 105
- Buettner, G.R., see Zhang, Y. 56, 199
- Buist, M., see Bernard, S. 56, 9
- Bunc, M., see Brvar, M. 56, 105
- Campbell, H., see Dowie, R. 56, 173
- Carrillo, A., see López-Herce, J. 56, 232
- Castrén, M., see Skrifvars, M.B. 56, 275
- Castrén, M., see Kuisma, M. 56, 149
- Cauchi, L., see Diggory, P. 56, 159
- Cavallaro, F., see Sandroni, C. 56, 41
- Chiulli, D.A., see Smithline, H.A. 56, 97
- Clark, M.J., see Johnston, T.C. 56, 67
- Clarke, P., see Dowie, R. 56, 173
- Clellow, F., see Deakin, C.D. 56, 15
- Cole, R.P., Cardiogenic oscillations and apparent ventilation in suspected brain death 56, 335
- Conti, G., see Sandroni, C. 56, 41
- Dahmen, A., see Breil, M. 56, 307
- Davies, L.R., see Zhang, Y. 56, 199
- Deakin, C.D., D.M. Sado, G.W. Petley, F. Clellow, Is the orientation of the apical defibrillation paddle of importance during manual external defibrillation? 56, 15
- Diggory, P., L. Cauchi, D. Griffith, V. Jones, E. Lawrence, A. Mehta, P. O'Mahony, J. Vigus, The influence of new guidelines on cardiopulmonary resuscitation (CPR) decisions. Five cycles of audit of a clerk proforma which included a resuscitation decision 56, 159
- Dingle, G.A., see Johnston, T.C. 56, 67
- Donohoe, R., see Dowie, R. 56, 173
- Dörge, V., see Wagner-Berger, H.G. 56, 191
- Dorph, E., L. Wik, P.A. Steen, Dispatcher-assisted cardiopulmonary resuscitation. An evaluation of efficacy amongst elderly 56, 265
- Dorph, E., see Wik, L. 56, 167
- Dowie, R., H. Campbell, R. Donohoe, P. Clarke, 'Event tree' analysis of out-of-hospital cardiac arrest data: confirming the importance of bystander CPR 56, 173
- Editors, T., In this issue 56, 121
- Eichelkraut, W., see Breil, M. 56, 307
- Eisenberg, M.S., Eugene Nagel and the Miami paramedic program 56, 243
- Eisenburger, P., W. Schreiber, G. Vergeiner, F. Sterz, M. Holzer, H. Herkner, C. Havel, A.N. Laggner, Lunar phases are not related to the occurrence of acute myocardial infarction and sudden cardiac death 56, 187
- Falke, K.J., see Kerner, T. 56, 111
- Fenici, P., see Sandroni, C. 56, 41
- Ferro, G., see Sandroni, C. 56, 41
- Filippatos, G.S., see Sideris, A. 56, 231
- Finne, P., see Skrifvars, M.B. 56, 275
- Fischer, M., see Breil, M. 56, 307
- Fisher, J.A., see Tesler, J. 56, 83
- FitzGerald, G., see Johnston, T.C. 56, 67
- Fritz, G., see Kerner, T. 56, 111
- Gabrielli, A., see Layon, A.J. 56, 59
- Garner, D., see Niemann, J.T. 56, 91
- Gliemroth, J., see Klaus, S. 56, 299
- Goldfeder, B.W., see Layon, A.J. 56, 59
- Goraya, T.Y., see Wu, L.A. 56, 55

- Goto, E., see Takeda, T. 56, 153
 Gotoh, Y., see Takasu, A. 56, 319
 Gottschall, R., see Preussler, N.-P. 56, 329
 Griffith, D., see Diggory, P. 56, 159
 Grill, D.E., see Wu, L.A. 56, 55
- Habler, O.P., see Kemming, G.I. 56, 289
 Hagendorff, A., see Breil, M. 56, 307
 Halonen, S., see Skrifvars, M.B. 56, 275
 Handley, A.J., Comments on letter from Edward L. McNeil – prone CPR 56, 230
 Hapnes, S.A., see Langhelle, A. 56, 247
 Hautamäki, R., see Skrifvars, M.B. 56, 275
 Havel, C., see Eisenburger, P. 56, 187
 Hayashi, Y., see Takeda, T. 56, 153
 Herff, H., see Wagner-Berger, H.G. 56, 191
 Heringlake, M., see Klaus, S. 56, 299
 Herkner, H., see Eisenburger, P. 56, 187
 Herlitz, J., see Bang, A. 56, 25
 Hevia, A., see Layon, A.J. 56, 59
 Hillman, H., The physiology of sudden violent death 56, 129
 Hoeft, A., see Breil, M. 56, 307
 Holzer, M., see Eisenburger, P. 56, 187
 Hörmann, C., see Wagner-Berger, H.G. 56, 191
 Hüter, L., see Preussler, N.-P. 56, 329
 Hutter, J.W., see Kemming, G.I. 56, 289
- Idris, A.H., see Wagner-Berger, H.G. 56, 191
 Idris, A.H., see Layon, A.J. 56, 59
 Inglis, A., see Zeitz, C.J. 56, 77
 Ivashkova, Y., see Kaplanski, J. 56, 207
- Johnston, T.C., M.J. Clark, G.A. Dingle, G. FitzGerald, Factors influencing Queenslanders' willingness to perform bystander cardiopulmonary resuscitation 56, 67
 Jones, V., see Diggory, P. 56, 159
- Kaplanski, J., I. Asa, A.A. Artru, A. Azev, Y. Ivashkova, Z. Rudich, D. Pruneau, Y. Shapira, LF 16-0687 Ms, a new bradykinin B₂ receptor antagonist, decreases ex vivo brain tissue prostaglandin E₂ synthesis after closed head trauma in rats 56, 207
 Kardara, D., see Sideris, A. 56, 231
 Kardaras, F., see Sideris, A. 56, 231
 Karzai, W., see Preussler, N.-P. 56, 329
 Kaukoranta, P., see Liisanantti, J. 56, 49
 Kemming, G.I., F.G. Meisner, M. Kleen, J.M. Meier, J. Tillmanns, J.W. Hutter, C.J. Wojtczyk, K.B. Packert, D. Bottino, O.P. Habler, Hyperoxic ventilation at the critical haematocrit 56, 289
 Kendall, J., Rosen's Emergency Medicine—Concepts and Clinical Practice (5th Edition)—CD-ROM 56, 235
 Kerber, R.E., see Zhang, Y. 56, 199
 Kerner, T., G. Fritz, A. Unterberg, K.J. Falke, Pulmonary air embolism in severe head injury 56, 111
 Klaus, S., M. Heringlake, J. Gliemroth, H. Pagel, K. Staubach, L. Bahlmann, Biochemical tissue monitoring during hypoxia and reoxygenation 56, 299
 Kleen, M., see Kemming, G.I. 56, 289
 Koetter, K.P., see Tesler, J. 56, 83
 Kottke, T.E., see Wu, L.A. 56, 55
 Krep, H., see Breil, M. 56, 307
 Krismer, A.C., V. Wenzel, W.G. Voelckel, K.-H. Stadlbauer, H. Wagner-Berger, A. Schaefer, K.H. Lindner, Effects of vasopressin on adrenal gland regional perfusion during experimental cardiopulmonary resuscitation 56, 223
 Kuisma, M., M. Castrén, K. Nurminen, Public access defibrillation in Helsinki—costs and potential benefits from a community-based pilot study 56, 149
- Kuosa, R., see Skrifvars, M.B. 56, 275
 Kurlansky, P., see Adams, J.A. 56, 215
- Laggner, A.N., see Eisenburger, P. 56, 187
 Langhelle, A., S.S. Tyvold, K. Lexow, S.A. Hapnes, K. Sunde, P.A. Steen, In-hospital factors associated with improved outcome after out-of-hospital cardiac arrest: A comparison between four regions in Norway 56, 247
 Lawrence, E., see Diggory, P. 56, 159
 Layon, A.J., A. Gabrielli, B.W. Goldfeder, A. Hevia, A.H. Idris, Utstein style analysis of rural out-of-hospital cardiac arrest [OOHCA]: total cardiopulmonary resuscitation (CPR) time inversely correlates with hospital discharge rate 56, 59
 Lewis, R.J., see Niemann, J.T. 56, 91
 Lexow, K., see Langhelle, A. 56, 247
 Liisanantti, J., P. Kaukoranta, M. Martikainen, T. Ala-Kokko, Aspiration pneumonia following severe self-poisoning 56, 49
 Lindner, K.H., see Wagner-Berger, H.G. 56, 191
 Lindner, K.H., see Krismer, A.C. 56, 223
 López-Herce, J., A. Carrillo, A. Rodríguez-Núñez, Newborn manikins 56, 232
- Maleck, W.H., see Tesler, J. 56, 83
 Martikainen, M., see Liisanantti, J. 56, 49
 Martin, S.M., see Zhang, Y. 56, 199
 Martinell, S., see Bang, A. 56, 25
 McCarthy, G., C. O'Donnell, M. O'Brien, Successful intraosseous infusion in the critically ill patient does not require a medullary cavity 56, 183
 McClusky, S., see Tesler, J. 56, 83
 McNeil, E.L., Re-evaluation of cardiopulmonary resuscitation 56, 229
 Mehta, A., see Diggory, P. 56, 159
 Meier, J.M., see Kemming, G.I. 56, 289
 Meisner, F.G., see Kemming, G.I. 56, 289
 Monteiro, O., see Bernard, S. 56, 9
 Možina, M., see Brvar, M. 56, 105
 Možina, H., see Brvar, M. 56, 105
- Niemann, J.T., D. Garner, R.J. Lewis, Transthoracic impedance does not decrease with rapidly repeated countershocks in a swine cardiac arrest model 56, 91
 Niemelä, H., see Skrifvars, M.B. 56, 275
 Norio, H., see Takasu, A. 56, 319
 Nurminen, K., see Kuisma, M. 56, 149
- O'Brien, M., see McCarthy, G. 56, 183
 O'Donnell, C., see McCarthy, G. 56, 183
 Okada, Y., see Takasu, A. 56, 319
 O'Mahony, P., see Diggory, P. 56, 159
 Osredkar, J., see Brvar, M. 56, 105
- Packert, K.B., see Kemming, G.I. 56, 289
 Pagel, H., see Klaus, S. 56, 299
 Perkins, Y., see Vallejo-Manzur, F. 56, 3
 Petley, G.W., see Deakin, C.D. 56, 15
 Petroianu, G.A., see Tesler, J. 56, 83
 Porter, K., see Roberts, K. 56, 19
 Preussler, N.-P., T. Schreiber, L. Hüter, R. Gottschall, H. Schubert, H. Rek, W. Karzai, K. Schwarzkopf, Percutaneous transtracheal ventilation: effects of a new oxygen flow modulator on oxygenation and ventilation in pigs compared with a hand triggered emergency jet injector 56, 329
 Pruneau, D., see Kaplanski, J. 56, 207
- Quan, L., see Reder, S. 56, 283
 Reder, S., L. Quan, Cardiopulmonary resuscitation training in

- Washington state public high schools 56, 283
- Rek, H., see Preussler, N.-P. 56, 329
- Rheinberger, K., see Wagner-Berger, H.G. 56, 191
- Rivers, E.P., see Smithline, H.A. 56, 97
- Roberts, K., K. Porter, How do you size a nasopharyngeal airway 56, 19
- Rodríguez-Núñez, A., see López-Herce, J. 56, 232
- Roger, V.L., see Wu, L.A. 56, 55
- Rosenberg, P.H., see Skrifvars, M.B. 56, 275
- Rucker, J., see Tesler, J. 56, 83
- Rudich, Z., see Kaplanski, J. 56, 207
- Sado, D.M., see Deakin, C.D. 56, 15
- Sakamoto, T., see Takasu, A. 56, 319
- Sandroni, C., F. Cavallaro, G. Ferro, P. Fenici, S. Santangelo, F. Tortora, G. Conti, A survey of the in-hospital response to cardiac arrest on general wards in the hospitals of Rome 56, 41
- Santangelo, S., see Sandroni, C. 56, 41
- Schaefer, A., see Krismer, A.C. 56, 223
- Schreiber, T., see Preussler, N.-P. 56, 329
- Schreiber, W., see Eisenburger, P. 56, 187
- Schubert, H., see Preussler, N.-P. 56, 329
- Schwarzkopf, K., see Preussler, N.-P. 56, 329
- Shapira, Y., see Kaplanski, J. 56, 207
- Sideris, A., G.S. Filippatos, D. Kardara, F. Kardaras, Long QT: the chicken or the egg 56, 231
- Sinn, D., see Breil, M. 56, 307
- Skrifvars, M.B., P.H. Rosenberg, P. Finne, S. Halonen, R. Hautamäki, R. Kuosa, H. Niemelä, M. Castrén, Evaluation of the in-hospital Utstein template in cardiopulmonary resuscitation in secondary hospitals 56, 275
- Smith, K., see Bernard, S. 56, 9
- Smithline, H.A., K.R. Ward, D.A. Chiulli, H.C. Blake, E.P. Rivers, Whole body oxygen consumption and critical oxygen delivery in response to prolonged and severe carbon monoxide poisoning 56, 97
- Sommer, D., see Tesler, J. 56, 83
- Stadlbauer, K.-H., see Krismer, A.C. 56, 223
- Stallinger, A., see Wagner-Berger, H.G. 56, 191
- Staubach, K., see Klaus, S. 56, 299
- Steen, P.A., see Langhelle, A. 56, 247
- Steen, P.A., see Dorph, E. 56, 265
- Sterz, F., see Eisenburger, P. 56, 187
- Sunde, K., see Langhelle, A. 56, 247
- Takasu, A., H. Norio, Y. Gotoh, T. Sakamoto, Y. Okada, Effect of induced-hypothermia on short-term survival after volume-controlled hemorrhage in pigs 56, 319
- Takeda, T., K. Tanigawa, H. Tanaka, Y. Hayashi, E. Goto, K. Tanaka, The assessment of three methods to verify tracheal tube placement in the emergency setting 56, 153
- Tanaka, K., see Takeda, T. 56, 153
- Tanaka, H., see Takeda, T. 56, 153
- Tanigawa, K., see Takeda, T. 56, 153
- Tesler, J., J. Rucker, D. Sommer, A. Vesely, S. McClusky, K.P. Koetter, W.H. Maleck, J.A. Fisher, G.A. Petroianu, Rescuer position for tracheal intubation on the ground 56, 83
- The PAD Trial Investigators, The Public Access Defibrillation (PAD) Trial: Study design and rationale 56, 135
- Tillmanns, J., see Kemming, G.I. 56, 289
- Tortora, F., see Sandroni, C. 56, 41
- Tyvold, S.S., see Langhelle, A. 56, 247
- Unterberg, A., see Kerner, T. 56, 111
- Vallejo-Manzur, F., Y. Perkins, J. Varon, P. Baskett, Andreas Vesalius, the concept of an artificial airway 56, 3
- Varon, J., see Vallejo-Manzur, F. 56, 3
- Vergeiner, G., see Eisenburger, P. 56, 187
- Vesely, A., see Tesler, J. 56, 83
- Vigus, J., see Diggory, P. 56, 159
- Voelckel, W.G., see Wagner-Berger, H.G. 56, 191
- Voelckel, W.G., see Krismer, A.C. 56, 223
- Wagner-Berger, H.G., V. Wenzel, A. Stallinger, W.G. Voelckel, K. Rheinberger, S. Augenstein, H. Herff, A.H. Idris, V. Dörjes, K.H. Lindner, C. Hörmann, Optimizing bag-valve-mask ventilation with a new mouth-to-bag resuscitator 56, 191
- Wagner-Berger, H., see Krismer, A.C. 56, 223
- Wahlen, B.M., T. Bey, B.B. Wolke, Measurement of end-tidal carbon dioxide in spontaneously breathing patients in the pre-hospital setting. A prospective evaluation of 350 patients 56, 35
- Ward, G., see Zeitz, C.J. 56, 77
- Ward, K.R., see Smithline, H.A. 56, 97
- Wenzel, V., see Wagner-Berger, H.G. 56, 191
- Wenzel, V., see Krismer, A.C. 56, 223
- White, R.D., see Wu, L.A. 56, 55
- Wik, L., see Dorph, E. 56, 265
- Wik, L., E. Dorph, B. Auestad, P. Andreas Steen, Evaluation of a defibrillator-basic cardiopulmonary resuscitation programme for non medical personnel 56, 167
- Wojtczyk, C.J., see Kemming, G.I. 56, 289
- Wolke, B.B., see Wahlen, B.M. 56, 35
- Wu, D., see Adams, J.A. 56, 215
- Wu, L.A., T.E. Kottke, L.N. Brekke, M.J. Brekke, D.E. Grill, T.Y. Goraya, V.L. Roger, P.G. Belau, R.D. White, Opportunities to prevent sudden out-of-hospital death due to coronary heart disease in a community 56, 55
- Zeitz, K.M., see Zeitz, C.J. 56, 77
- Zeitz, C.J., K.M. Zeitz, G. Ward, A. Inglis, The acquisition and maintenance of defibrillation skills by lay first responders 56, 77
- Zhang, Y., L.R. Davies, S.M. Martin, I.M. Bawaney, G.R. Buettner, R.E. Kerber, Magnesium reduces free radical concentration and preserves left ventricular function after direct current shocks 56, 199
- Zorab, J., see Baskett, P. 56, 123





Subject index

Volume 56 (2003)

Acute normovolaemic haemodilution: Anaemia; Hyperoxic ventilation; Hyperoxaemia; Tissue oxygenation; Monitoring; Physiologic; Tissue metabolism; Anoxia **56, 289**

Adrenaline: Cardiopulmonary resuscitation; Vasopressin **56, 223**

AED: Basic life support; Cardiopulmonary resuscitation; Training; Education; Retention; Manikin; Defibrillation **56, 167**

Agonal breathing: Cardiac arrest; Cardiopulmonary resuscitation; Dispatcher-assisted CPR **56, 25**

Air embolism: Brain injury; Pulmonary embolism **56, 111**

Airway: Airway management; Nasopharyngeal airway **56, 19**

Airway management: Airway; Nasopharyngeal airway **56, 19**

Airway management: Aspiration; Emergency medical service; Intensive care; Intoxication **56, 49**

Airway management: Cricothyroidotomy; Gas exchange; Percutaneous transtracheal jet ventilation; Respiration, artificial; Respiratory arrest **56, 329**

Airway management: Esophageal detector device; End-tidal carbon dioxide; Tracheal intubation; Emergency treatment **56, 153**

Airway management: Tracheal intubation; Manikin; Intubator position **56, 83**

American Heart Association: Bystander CPR; Cardiopulmonary resuscitation; Education; Resuscitation; Training **56, 283**

Anaemia: Acute normovolaemic haemodilution; Hyperoxic ventilation; Hyperoxaemia; Tissue oxygenation; Monitoring; Physiologic; Tissue metabolism; Anoxia **56, 289**

Anoxia: Anaemia; Acute normovolaemic haemodilution; Hyperoxic ventilation; Hyperoxaemia; Tissue oxygenation; Monitoring; Physiologic; Tissue metabolism **56, 289**

Ascorbate: Defibrillation; Free radicals; Magnesium **56, 199**

Asphyxia: Blood loss; Electrocution; Tissue loss; Sudden death **56, 129**

Aspiration: Airway management; Emergency medical service; Intensive care; Intoxication **56, 49**

Automated external defibrillator (AED): Cardiac arrest; Cardiopulmonary resuscitation; Defibrillation; Ventricular fibrillation **56, 149**

Automated external defibrillator (AED): Cardiopulmonary resuscitation (CPR); Defibrillation; Emergency medical services (EMS); Ventricular fibrillation (VF); Out-of-hospital cardiac arrest (OOH-CA) **56, 135**

Automated external defibrillator: Cardiac arrest; Out-of-hospital CPR; Sudden cardiac death **56, 55**

Bag-valve ventilation: Respiration-artificial; Unprotected airway; Lung ventilation; Stomach inflation; Basic life support; Mouth-to-bag resuscitator **56, 191**

Basic life support: Cardiopulmonary resuscitation; Training; Education; AED; Retention; Manikin; Defibrillation **56, 167**

Basic life support: Respiration-artificial; Bag-valve ventilation; Unprotected airway; Lung ventilation; Stomach inflation; Mouth-to-bag resuscitator **56, 191**

Blood loss: Asphyxia; Electrocution; Tissue loss; Sudden death **56, 129**

Brain injury: Air embolism; Pulmonary embolism **56, 111**

Brain injury: Inflammatory response; Intracranial pressure; Neurologic dysfunction; Trauma **56, 207**

Breathing: End-tidal carbon dioxide; Pre-clinical emergency medicine; Capnometry **56, 35**

Bystander CPR: American Heart Association; Cardiopulmonary resuscitation; Education; Resuscitation; Training **56, 283**

Bystander CPR: Cardiac arrest; Emergency medical services; Out-of-hospital CPR; Return of spontaneous circulation; Utstein template **56, 173**

Bystander CPR: Cardiopulmonary resuscitation; Cardiac arrest; Out-of-hospital CPR; Witnessed cardiac arrest **56, 67**

- Canine**; Carbon monoxide poisoning; Oxygen transport; Critical oxygen delivery; Oxygen consumption; Lactic acid; Cytochrome oxidase **56, 97**
- Capnometry**; End-tidal carbon dioxide; Breathing; Pre-clinical emergency medicine **56, 35**
- Carbon monoxide poisoning**; Oxygen transport; Critical oxygen delivery; Oxygen consumption; Lactic acid; Cytochrome oxidase; Canine **56, 97**
- Carbon monoxide**; S-100B protein; Hyperbaric oxygen; Outcome; Guidelines **56, 105**
- Cardiac arrest**; Automated external defibrillator (AED); Cardiopulmonary resuscitation; Defibrillation; Ventricular fibrillation **56, 149**
- Cardiac arrest**; Bystander CPR; Emergency medical services; Out-of-hospital CPR; Return of spontaneous circulation; Utstein template **56, 173**
- Cardiac arrest**; Cardiopulmonary resuscitation; Bystander CPR; Out-of-hospital CPR; Witnessed cardiac arrest **56, 67**
- Cardiac arrest**; Cardiopulmonary resuscitation; Dispatcher-assisted CPR; Agonal breathing **56, 25**
- Cardiac arrest**; Cardiopulmonary resuscitation; Education; Training; Utstein template **56, 41**
- Cardiac arrest**; Cardiopulmonary resuscitation; Myocardial blood flow; Fluid therapy; Sodium; Post-resuscitation period **56, 307**
- Cardiac arrest**; Cardiopulmonary resuscitation; Outcome; Utstein template **56, 275**
- Cardiac arrest**; Defibrillation; First responder; St John; Training **56, 77**
- Cardiac arrest**; Induced hypothermia; Intravenous fluid **56, 9**
- Cardiac arrest**; Out-of-hospital CPR; Sudden cardiac death; Automated external defibrillator **56, 55**
- Cardiopulmonary resuscitation**; American Heart Association; Bystander CPR; Education; Resuscitation; Training **56, 283**
- Cardiopulmonary resuscitation**; Automated external defibrillator (AED); Cardiac arrest; Defibrillation; Ventricular fibrillation **56, 149**
- Cardiopulmonary resuscitation**; Basic life support; Training; Education; AED; Retention; Manikin; Defibrillation **56, 167**
- Cardiopulmonary resuscitation**; Bystander CPR; Cardiac arrest; Out-of-hospital CPR; Witnessed cardiac arrest **56, 67**
- Cardiopulmonary resuscitation**; Cardiac arrest; Dispatcher-assisted CPR; Agonal breathing **56, 25**
- Cardiopulmonary resuscitation**; Cardiac arrest; Education; Training; Utstein template **56, 41**
- Cardiopulmonary resuscitation**; Cardiac arrest; Myocardial blood flow; Fluid therapy; Sodium; Post-resuscitation period **56, 307**
- Cardiopulmonary resuscitation**; Cardiac arrest; Outcome; Utstein template **56, 275**
- Cardiopulmonary resuscitation (CPR)**; Automated external defibrillator (AED); Defibrillation; Emergency medical services (EMS); Ventricular fibrillation (VF); Out-of-hospital cardiac arrest (OOH-CA) **56, 135**
- Cardiopulmonary resuscitation (CPR)**; Outcome; Glucose; Temperature; Post-resuscitation period; Utstein template **56, 247**
- Cardiopulmonary resuscitation**; DNAR; Proforma **56, 159**
- Cardiopulmonary resuscitation**; Periodic acceleration; Neurological outcome; Vasopressin; Pigs **56, 215**
- Cardiopulmonary resuscitation**; Utstein style analysis; Out-of-hospital cardiac arrest **56, 59**
- Cardiopulmonary resuscitation**; Vasopressin; Adrenaline **56, 223**
- Cardiopulmonary resuscitation**; Ventricular fibrillation; Defibrillation; Impedance **56, 91**
- Conventional CPR versus compressions-only CPR**; Dispatcher-assisted telephone CPR; Quality of performance; Elderly laypersons **56, 265**
- Cricothyroidotomy**; Airway management; Gas exchange; Percutaneous transtracheal jet ventilation; Respiration, artificial; Respiratory arrest **56, 329**
- Critical oxygen delivery**; Carbon monoxide poisoning; Oxygen transport; Oxygen consumption; Lactic acid; Cytochrome oxidase; Canine **56, 97**
- Cytochrome oxidase**; Carbon monoxide poisoning; Oxygen transport; Critical oxygen delivery; Oxygen consumption; Lactic acid; Canine **56, 97**
- Defibrillation**; Automated external defibrillator (AED); Cardiac arrest; Cardiopulmonary resuscitation; Ventricular fibrillation **56, 149**
- Defibrillation**; Basic life support; Cardiopulmonary resuscitation; Training; Education; AED; Retention; Manikin **56, 167**
- Defibrillation**; Cardiopulmonary resuscitation (CPR); Automated external defibrillator (AED); Emergency medical services (EMS); Ventricular fibrillation (VF); Out-of-hospital cardiac arrest (OOH-CA) **56, 135**
- Defibrillation**; Cardiopulmonary resuscitation; Ventricular fibrillation; Impedance **56, 91**
- Defibrillation**; First responder; St John; Cardiac arrest; Training **56, 77**
- Defibrillation**; Free radicals; Ascorbate; Magnesium **56, 199**
- Defibrillation**; Transthoracic impedance; Transmyocardial current **56, 15**
- Dispatcher-assisted CPR**; Cardiac arrest; Cardiopulmonary resuscitation; Agonal breathing **56, 25**
- Dispatcher-assisted telephone CPR**; Conventional CPR versus compressions-only CPR; Quality of performance; Elderly laypersons **56, 265**

- DNAR:** Cardiopulmonary resuscitation; Proforma 56, 159
- Education:** American Heart Association; Bystander CPR; Cardiopulmonary resuscitation; Resuscitation; Training 56, 283
- Education:** Basic life support; Cardiopulmonary resuscitation; Training; AED; Retention; Manikin; Defibrillation 56, 167
- Education:** Cardiac arrest; Cardiopulmonary resuscitation; Training; Utstein template 56, 41
- Elderly laypersons:** Dispatcher-assisted telephone CPR; Conventional CPR versus compressions-only CPR; Quality of performance 56, 265
- Electrocution:** Blood loss; Asphyxia; Tissue loss; Sudden death 56, 129
- Emergency medical service:** Airway management; Aspiration; Intensive care; Intoxication 56, 49
- Emergency medical services:** Bystander CPR; Cardiac arrest; Out-of-hospital CPR; Return of spontaneous circulation; Utstein template 56, 173
- Emergency medical services (EMS):** Cardiopulmonary resuscitation (CPR); Automated external defibrillator (AED); Defibrillation; Ventricular fibrillation (VF); Out-of-hospital cardiac arrest (OOH-CA) 56, 135
- Emergency treatment:** Airway management; Esophageal detector device; End-tidal carbon dioxide; Tracheal intubation 56, 153
- End-tidal carbon dioxide:** Airway management; Esophageal detector device; Tracheal intubation; Emergency treatment 56, 153
- End-tidal carbon dioxide:** Breathing; Pre-clinical emergency medicine; Capnometry 56, 35
- Esophageal detector device:** Airway management; End-tidal carbon dioxide; Tracheal intubation; Emergency treatment 56, 153
- First responder:** Defibrillation; St John; Cardiac arrest; Training 56, 77
- Fluid therapy:** Cardiac arrest; Cardiopulmonary resuscitation; Myocardial blood flow; Sodium; Post-resuscitation period 56, 307
- Free radicals:** Defibrillation; Ascorbate; Magnesium 56, 199
- Gas exchange:** Airway management; Cricothyroidotomy; Percutaneous transtracheal jet ventilation; Respiration, artificial; Respiratory arrest 56, 329
- Glucose:** Cardiopulmonary resuscitation (CPR); Outcome; Temperature; Post-resuscitation period; Utstein template 56, 247
- Guidelines:** Carbon monoxide; S-100B protein; Hyperbaric oxygen; Outcome 56, 105
- Hemorrhage:** Shock; Hypothermia; Temperature 56, 319
- Hyperbaric oxygen:** Carbon monoxide; S-100B protein; Outcome; Guidelines 56, 105
- Hyperoxaemia:** Anaemia; Acute normovolaemic haemodilution; Hyperoxic ventilation; Tissue oxygenation; Monitoring; Physiologic; Tissue metabolism; Anoxia 56, 289
- Hyperoxic ventilation:** Anaemia; Acute normovolaemic haemodilution; Hyperoxaemia; Tissue oxygenation; Monitoring; Physiologic; Tissue metabolism; Anoxia 56, 289
- Hypothermia:** Hemorrhage; Shock; Temperature 56, 319
- Hypoxia:** Metabolism; Microdialysis; Resuscitation; Monitoring 56, 299
- Impedance:** Cardiopulmonary resuscitation; Ventricular fibrillation; Defibrillation 56, 91
- Induced hypothermia:** Cardiac arrest; Intravenous fluid 56, 9
- Inflammatory response:** Brain injury; Intracranial pressure; Neurologic dysfunction; Trauma 56, 207
- Intensive care:** Airway management; Aspiration; Emergency medical service; Intoxication 56, 49
- Intoxication:** Airway management; Aspiration; Emergency medical service; Intensive care 56, 49
- Intracranial pressure:** Brain injury; Inflammatory response; Neurologic dysfunction; Trauma 56, 207
- Intravenous fluid:** Cardiac arrest; Induced hypothermia 56, 9
- Intubator position:** Airway management; Tracheal intubation; Manikin 56, 83
- Lactic acid:** Carbon monoxide poisoning; Oxygen transport; Critical oxygen delivery; Oxygen consumption; Cytochrome oxidase; Caine 56, 97
- Lung ventilation:** Respiration-artificial; Bag-valve ventilation; Unprotected airway; Stomach inflation; Basic life support; Mouth-to-bag resuscitator 56, 191
- Magnesium:** Defibrillation; Free radicals; Ascorbate 56, 199
- Manikin:** Airway management; Tracheal intubation; Intubator position 56, 83
- Manikin:** Basic life support; Cardiopulmonary resuscitation; Training; Education; AED; Retention; Defibrillation 56, 167
- Metabolism:** Hypoxia; Microdialysis; Resuscitation; Monitoring 56, 299
- Microdialysis:** Metabolism; Hypoxia; Resuscitation; Monitoring 56, 299
- Monitoring:** Anaemia; Acute normovolaemic haemodilution; Hyperoxic ventilation; Hyperoxaemia; Tissue oxygenation; Physiologic; Tissue metabolism; Anoxia 56, 289
- Monitoring:** Metabolism; Hypoxia; Microdialysis; Resuscitation 56, 299
- Moon phases:** Myocardial infarction; Sudden cardiac death 56, 187
- Mouth-to-bag resuscitator:** Respiration-artificial; Bag-valve ventilation; Unprotected airway; Lung ventilation; Stomach inflation; Basic life support 56, 191

- Myocardial blood flow:** Cardiac arrest; Cardiopulmonary resuscitation; Fluid therapy; Sodium; Post-resuscitation period **56, 307**
- Myocardial infarction:** Sudden cardiac death; Moon phases **56, 187**
- Nasopharyngeal airway:** Airway; Airway management **56, 19**
- Neurological outcome:** Cardiopulmonary resuscitation; Periodic acceleration; Vasopressin; Pigs **56, 215**
- Neurologic dysfunction:** Brain injury; Inflammatory response; Intracranial pressure; Trauma **56, 207**
- Outcome:** Carbon monoxide; S-100B protein; Hyperbaric oxygen; Guidelines **56, 105**
- Outcome:** Cardiac arrest; Cardiopulmonary resuscitation; Utstein template **56, 275**
- Outcome:** Cardiopulmonary resuscitation (CPR); Glucose; Temperature; Post-resuscitation period; Utstein template **56, 247**
- Out-of-hospital cardiac arrest (OOH-CA):** Cardiopulmonary resuscitation (CPR); Automated external defibrillator (AED); Defibrillation; Emergency medical services (EMS); Ventricular fibrillation (VF) **56, 135**
- Out-of-hospital cardiac arrest:** Utstein style analysis; Cardiopulmonary resuscitation **56, 59**
- Out-of-hospital CPR:** Bystander CPR; Cardiac arrest; Emergency medical services; Return of spontaneous circulation; Utstein template **56, 173**
- Out-of-hospital CPR:** Cardiac arrest; Sudden cardiac death; Automated external defibrillator **56, 55**
- Out-of-hospital CPR:** Cardiopulmonary resuscitation; Bystander CPR; Cardiac arrest; Witnessed cardiac arrest **56, 67**
- Oxygen consumption:** Carbon monoxide poisoning; Oxygen transport; Critical oxygen delivery; Lactic acid; Cytochrome oxidase; Canine **56, 97**
- Oxygen transport:** Carbon monoxide poisoning; Critical oxygen delivery; Oxygen consumption; Lactic acid; Cytochrome oxidase; Canine **56, 97**
- Percutaneous transtracheal jet ventilation:** Airway management; Cricothyroidotomy; Gas exchange; Respiration, artificial; Respiratory arrest **56, 329**
- Periodic acceleration:** Cardiopulmonary resuscitation; Neurological outcome; Vasopressin; Pigs **56, 215**
- Physiologic:** Anaemia; Acute normovolaemic haemodilution; Hyperoxic ventilation; Hyperoxaemia; Tissue oxygenation; Monitoring; Tissue metabolism; Anoxia **56, 289**
- Pigs:** Cardiopulmonary resuscitation; Periodic acceleration; Neurological outcome; Vasopressin **56, 215**
- Post-resuscitation period:** Cardiac arrest; Cardiopulmonary resuscitation; Myocardial blood flow; Fluid therapy; Sodium **56, 307**
- Post-resuscitation period:** Cardiopulmonary resuscitation (CPR); Outcome; Glucose; Temperature; Utstein template **56, 247**
- Pre-clinical emergency medicine:** End-tidal carbon dioxide; Breathing; Capnometry **56, 35**
- Proforma:** Cardiopulmonary resuscitation; DNAR **56, 159**
- Pulmonary embolism:** Air embolism; Brain injury **56, 111**
- Quality of performance:** Dispatcher-assisted telephone CPR; Conventional CPR versus compressions-only CPR; Elderly laypersons **56, 265**
- Respiration, artificial:** Airway management; Cricothyroidotomy; Gas exchange; Percutaneous transtracheal jet ventilation; Respiratory arrest **56, 329**
- Respiration-artificial:** Bag-valve ventilation; Unprotected airway; Lung ventilation; Stomach inflation; Basic life support; Mouth-to-bag resuscitator **56, 191**
- Respiratory arrest:** Airway management; Cricothyroidotomy; Gas exchange; Percutaneous transtracheal jet ventilation; Respiration, artificial **56, 329**
- Resuscitation:** American Heart Association; Bystander CPR; Cardiopulmonary resuscitation; Education; Training **56, 283**
- Resuscitation:** Metabolism; Hypoxia; Microdialysis; Monitoring **56, 299**
- Retention:** Basic life support; Cardiopulmonary resuscitation; Training; Education; AED; Manikin; Defibrillation **56, 167**
- Return of spontaneous circulation:** Bystander CPR; Cardiac arrest; Emergency medical services; Out-of-hospital CPR; Utstein template **56, 173**
- S-100B protein:** Carbon monoxide; Hyperbaric oxygen; Outcome; Guidelines **56, 105**
- Shock:** Hemorrhage; Hypothermia; Temperature **56, 319**
- Sodium:** Cardiac arrest; Cardiopulmonary resuscitation; Myocardial blood flow; Fluid therapy; Post-resuscitation period **56, 307**
- St John:** Defibrillation; First responder; Cardiac arrest; Training **56, 77**
- Stomach inflation:** Respiration-artificial; Bag-valve ventilation; Unprotected airway; Lung ventilation; Basic life support; Mouth-to-bag resuscitator **56, 191**
- Sudden cardiac death:** Cardiac arrest; Out-of-hospital CPR; Automated external defibrillator **56, 55**
- Sudden cardiac death:** Myocardial infarction; Moon phases **56, 187**
- Sudden death:** Blood loss; Asphyxia; Electrocution; Tissue loss **56, 129**
- Temperature:** Cardiopulmonary resuscitation (CPR); Outcome; Glucose; Post-resuscitation period; Utstein template **56, 247**
- Temperature:** Hemorrhage; Shock; Hypothermia **56, 319**
- Tissue loss:** Blood loss; Asphyxia; Electrocution; Sudden death **56, 129**

- Tissue metabolism:** Anaemia; Acute normovolaemic haemodilution; Hyperoxic ventilation; Hyperoxaemia; Tissue oxygenation; Monitoring; Physiologic; Anoxia **56, 289**
- Tissue oxygenation:** Anaemia; Acute normovolaemic haemodilution; Hyperoxic ventilation; Hyperoxaemia; Monitoring; Physiologic; Tissue metabolism; Anoxia **56, 289**
- Tracheal intubation:** Airway management; Esophageal detector device; End-tidal carbon dioxide; Emergency treatment **56, 153**
- Tracheal intubation:** Airway management; Manikin; Intubator position **56, 83**
- Training:** American Heart Association; Bystander CPR; Cardiopulmonary resuscitation; Education; Resuscitation **56, 283**
- Training:** Basic life support; Cardiopulmonary resuscitation; Education; AED; Retention; Manikin; Defibrillation **56, 167**
- Training:** Cardiac arrest; Cardiopulmonary resuscitation; Education; Utstein template **56, 41**
- Training:** Defibrillation; First responder; St John; Cardiac arrest **56, 77**
- Transmyocardial current:** Transthoracic impedance; Defibrillation **56, 15**
- Transthoracic impedance:** Defibrillation; Transmyocardial current **56, 15**
- Tratamiento de emergencia:** Intraóseo; Infusión intraósea; Anatomía **56, 183**
- Trauma:** Brain injury; Inflammatory response; Intracranial pressure; Neurologic dysfunction **56, 207**
- Unprotected airway:** Respiration-artificial; Bag-valve ventilation; Lung ventilation; Stomach inflation; Basic life support; Mouth-to-bag resuscitator **56, 191**
- Utstein style analysis:** Out-of-hospital cardiac arrest; Cardiopulmonary resuscitation **56, 59**
- Utstein template:** Bystander CPR; Cardiac arrest; Emergency medical services; Out-of-hospital CPR; Return of spontaneous circulation **56, 173**
- Utstein template:** Cardiac arrest; Cardiopulmonary resuscitation; Education; Training **56, 41**
- Utstein template:** Cardiac arrest; Cardiopulmonary resuscitation; Outcome **56, 275**
- Utstein template:** Cardiopulmonary resuscitation (CPR); Outcome; Glucose; Temperature; Post-resuscitation period **56, 247**
- Vasopressin:** Cardiopulmonary resuscitation; Adrenaline **56, 223**
- Vasopressin:** Cardiopulmonary resuscitation; Periodic acceleration; Neurological outcome; Pigs **56, 215**
- Ventricular fibrillation:** Automated external defibrillator (AED); Cardiac arrest; Cardiopulmonary resuscitation; Defibrillation **56, 149**
- Ventricular fibrillation:** Cardiopulmonary resuscitation; Defibrillation; Impedance **56, 91**
- Ventricular fibrillation (VF):** Cardiopulmonary resuscitation (CPR); Automated external defibrillator (AED); Defibrillation; Emergency medical services (EMS); Out-of-hospital cardiac arrest (OOH-CA) **56, 135**
- Witnessed cardiac arrest:** Cardiopulmonary resuscitation; Bystander CPR; Cardiac arrest; Out-of-hospital CPR **56, 67**